

ABSTRACT

A metal mask structure in which a metal mask 12 for depositing a thin layer is welded to a support frame 11 and the welding portion is placed within at least a substrate to
5 be deposited, characterized in that a concave part 12a is formed on an opposite surface of a surface of said metal mask which is contacted to the frame, and the metal mask and the support frame are welded to each other within the concave part.